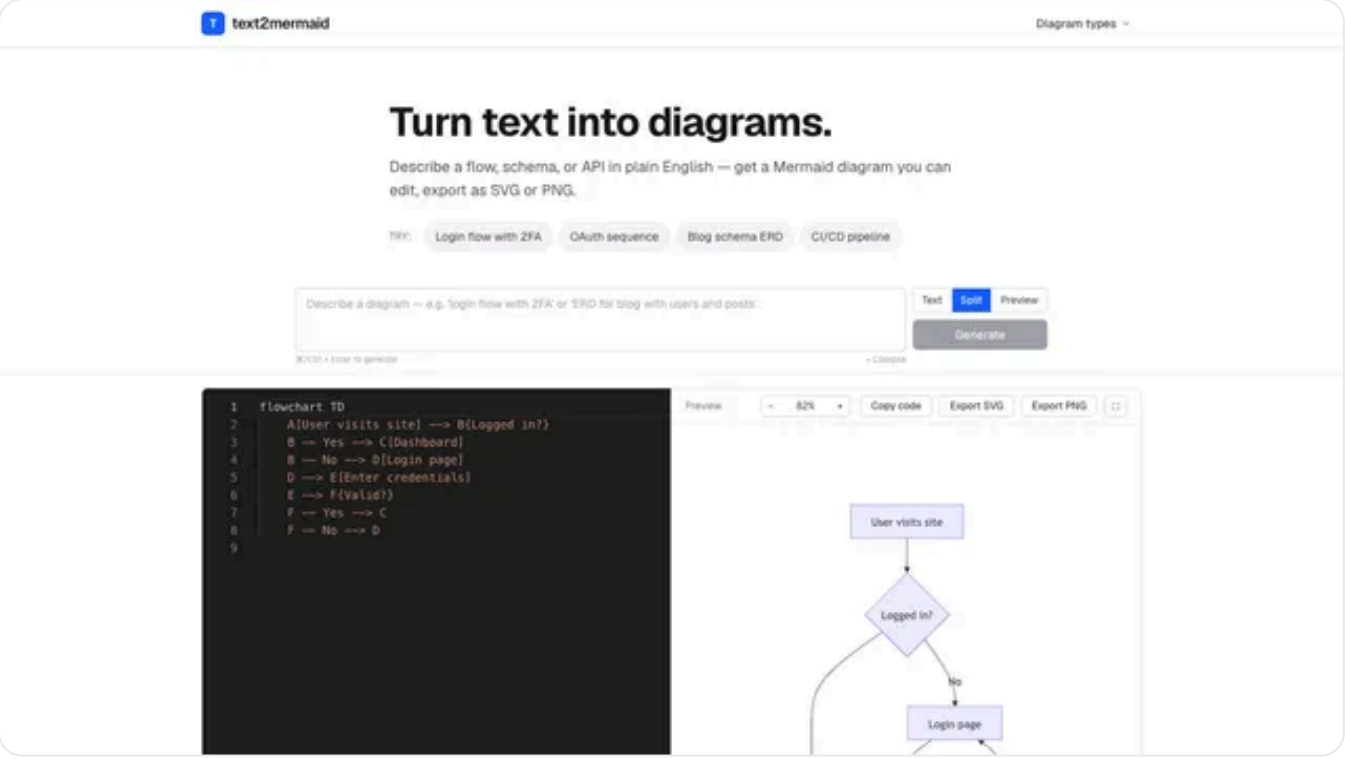
text2diagram

AI diagram generator for flowcharts, ERDs, mindmaps, sequence diagrams, class diagrams, state diagrams, and Gantt charts.



About

text2diagram is an AI diagram generator that turns plain English or chat prompts into diagrams you can edit and export. It can draft flowcharts, sequence diagrams, ERDs, mindmaps, class diagrams, state diagrams, and Gantt charts without requiring Mermaid, PlantUML, or Graphviz knowledge. The tool is built for fast drafting: describe the process, schema, or API flow, let the AI infer structure, then refine the result in a split editor and preview.

What is text2diagram

text2diagram is an AI diagram generator for quickly turning a description into a usable

class diagram, state diagram, mindmap, and Gantt chart. The app works from plain language or a chat flow, so you can start with a rough idea and let the AI shape the structure. It is free to use, and the site says no signup is required.

The core value of this AI diagram generator is speed. Instead of drawing boxes and arrows by hand, you type a process, schema, or API interaction and get a rendered diagram back. The output is based on Mermaid or markmap source, which makes it easier to edit after generation and easier to move into documentation workflows.

Key features

This AI diagram generator focuses on practical diagram types that show up in engineering, product, and documentation work.

- **Multiple diagram families:** flowchart, sequence diagram, ERD, class diagram, state diagram, mindmap, and Gantt.
- **Plain-language input:** describe what you want in one or two sentences.
- **Chat mode:** ask the AI to clarify actors, events, or edge cases before drawing.
- **Auto-detect:** Quick mode can classify the prompt and choose a diagram type automatically in about 300 ms, according to the site.
- **Live rendering:** the app produces valid Mermaid or markmap source and shows a preview immediately.
- **Direct editing:** you can open the split view and modify the generated source.
- **Export options:** SVG, PNG, Markdown, and for mindmaps, OPML are supported in the site text.
- **Mobile-friendly review:** the preview includes zoom, pan, and reset controls on desktop and mobile.

For teams, the AI diagram generator is especially useful because it can add structure from a short prompt. For example, a sequence diagram can show client, gateway, auth service, and database interactions, while an ERD can include keys and cardinality when you describe entities and relationships.

How to use it

Choose Quick or Chat mode. Quick mode is for one-shot generation; Chat mode is better when you want the AI to ask follow-up questions.

Describe the diagram in plain language. Examples from the site include a login flow with 2FA, a blog schema ERD, or an OAuth handshake.

Let the AI infer structure. In Quick mode, the app tries to pick the right diagram type automatically. In Chat mode, it may ask 2–3 questions before drawing.

Review the live preview. Check whether the diagram matches your intent, then reject any assumption you do not want in Chat mode.

Edit the source if needed. The split view lets you adjust the Mermaid or markmap text directly, and the preview updates as you type.

Export the result. Save as SVG for scalable graphics, PNG for slides or docs, Markdown for text workflows, or OPML for mindmaps you want to import elsewhere.

Because this is an AI diagram generator, the best results usually come from clear inputs. Short prompts work well for simple diagrams, while more complex systems benefit from chat clarification.

Who it is for

text2diagram is a fit for people who need diagrams often but do not want to spend time on manual layout.

Engineers: use the AI diagram generator for API flows, service interactions, database sketches, and class relationships.

Product managers: turn launch plans, user journeys, and dependencies into diagrams quickly.

Technical writers: create visuals for onboarding docs, RFCs, and runbooks without learning diagram syntax.

Students and educators: build mindmaps or structured study notes from a topic outline.

Anyone documenting a process: from incident response to CI/CD pipelines, if you can describe it, the tool can draft it.

The app is also useful when you are still exploring the shape of a system. Instead of

What to know before you use it

This AI diagram generator is helpful, but it is not a substitute for source-of-truth documentation.

- **Accuracy depends on your prompt.** If you leave out actors, edge cases, or relationships, the AI may infer details you did not intend.
- **Mermaid and markmap output still need review.** The generated source is editable, but you should check names, cardinality, and transitions before sharing.
- **It does not replace official system docs.** For production APIs, schema definitions, or compliance-sensitive workflows, verify against the canonical source.
- **Complex diagrams may need iteration.** Chat mode helps, but highly detailed architectures can still require manual editing.
- **Export choices matter.** Use SVG for quality scaling, PNG for slides, and Markdown or OPML when you need text-based portability.

In short, text2diagram is best when you want a fast AI diagram generator that gets you from plain language to a usable draft quickly, then lets you polish the result before publishing or presenting.

FAQ

- What types of diagrams can I create with text2mermaid?
- Is text2diagram really free?
- Is text2diagram free to use?
- Is text2mermaid completely free?
- What diagram types can I create?

What export formats are available?

What diagram types does text2diagram support?

What kinds of diagrams can this AI diagram generator make?

How do I export my diagrams?

How do I export diagrams?

Can I edit the generated diagram?

How does the AI determine the diagram type from my text?

Do I need to know Mermaid syntax to create diagrams?

Do I need to know Mermaid or PlantUML first?

Do I need to know Mermaid syntax to use this tool?

Can I use the diagrams commercially?

Can I edit the generated diagram code?

Can I export diagrams to use in other tools?

Can I export the diagrams into other tools?

Do I need an account?

Do I need to know Mermaid syntax?

Who is text2diagram for?

How does the Chat mode differ from Quick mode?

Who gets the most value from text2diagram?

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Platform	Web
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TAGS

ai # diagramming # mermaid # diagram # diagram-generator # documentation # flowcharts # svg # mind maps # mindmap # flowchart # gantt # png # sequence diagrams # erd # sequence-diagram # gantt charts # text-to-diagram

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